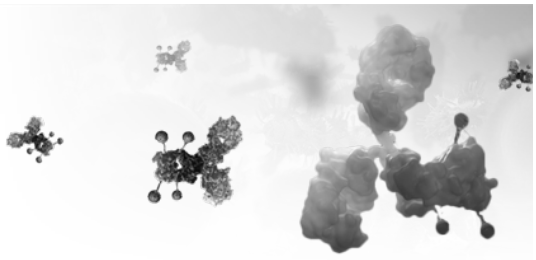

# Anti-LDB2 (aa 107-120) polyclonal antibody (CABT-BL2135)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Immunogen** | Synthetic peptide: SKESYHNSSITVDC conjugated to KLH, corresponding to amino acids 107-120 of Human LDB2. |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Mouse, Human |
| **Purification** | Immunogen affinity purified |
| **Conjugate** | Unconjugated |
| **Applications** | ICC/IF, WB |
| **Cellular Localization** | Nucleus. |
| **Format** | Liquid |
| **Size** | 100 µg |
| **Buffer** | 0.15M Sodium Chloride, 0.02M Potassium Phosphate. pH 7.2 |
| **Preservative** | 0.01% Sodium Azide |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

## BACKGROUND

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|---|---|
| **Introduction** | Genes encoding LIM domain-binding factors were initially isolated in a screen for proteins that physically interact;with the LIM domains of nuclear proteins (summarized by Semina et al., 1998 (PubMed 9799849)). These proteins, such as;the one encoded by the LDB2 gene, are capable of binding to a variety of transcription factors and are likely to;function at enhancers to bring together diverse transcription factors and form higher order activation complexes or to;block formation of such complexes (Jurata and Gill, 1997 (PubMed 9315627)). The family of genes encoding LIM;domain-binding factors includes 2 members isolated from the mouse, Clim1 (Bach et al., 1997 (PubMed 9192866)) and;Clim2/Lbd1/Nli (Agulnick et al., 1996 (PubMed 8918878); Jurata et al., 1996 (PubMed 8876198); Bach et al., 1997;(PubMed 9192866)) and their homologs cloned from the frog, chicken, and fly. The fact that LIM domain-binding factors;are likely to be involved in the coordination of the transcriptional activity of many diverse factors might implicate;them in human phenotypes characterized by multiple affected sites. |

# GENE INFORMATION

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|---|---|
| **Entrez Gene ID** | 9079 |
| **Protein Refseq** | NP_001124306 |
| **UniProt ID** | O43679 |

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